

# Questel

End-to-end integrated **IP**



The phenomenon of co-ownership in the patents of Netval members.

Welcome

## Questel Speakers



**Roberta Rullo**  
*Account Manager*



**Loris Caruana**  
*Customer success*

About us

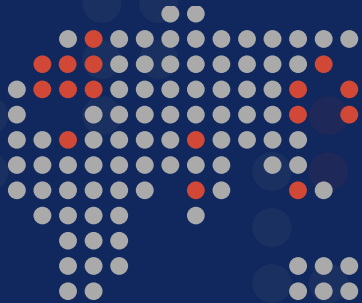
## Who are we?

**Our mission** is to facilitate the development of Innovation, in an efficient, secure and sustainable way.



### AMERICAS

Alexandria US  
Provo US  
Wilmington US  
Montréal CA  
Medellín CO  
São Paulo BR  
Arequipa PE



### EMEA

Paris FR  
Nice FR  
Grenoble FR  
Montpellier FR  
Munich DE  
London UK  
Carpuso IT  
Tunis TU



### APAC

Tokyo JP  
Yokohama JP  
Osaka JP  
Shanghai CN  
Tianjin CN  
Taipei TW  
New Delhi IN  
Singapore SG  
Seoul KR



# 1400

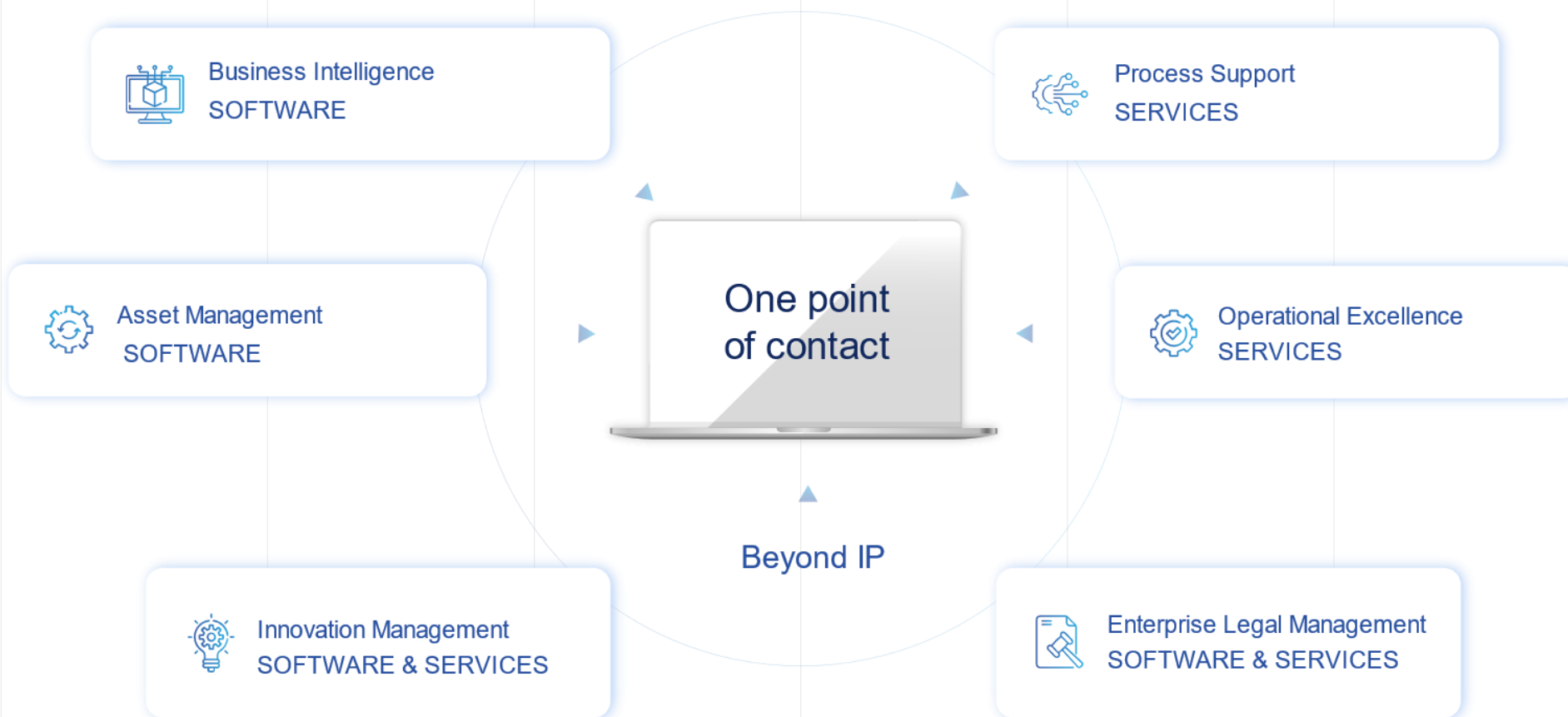
1,5M users, 30 countries,  
15K clients, Since 1978

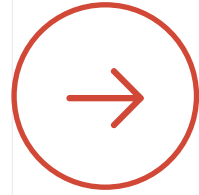
## For 50 years

- 1978 **Foundation**
- 2001 **Spin-off** France Telecom
- 2007 **LBO 1** (Syntegra Capital)
- 2015 **LBO 2** (Raise, Capzanine)
- 2018 **LBO 3** (IK Partners, Raise)
- 2020 **LBO 4** (Eurazeo, IK, Raise)

What we offer

## End-to-end integrated IP





# Patent Co-ownership



What

Patent co-ownership refers to inventions that are owned by two or more parties.

The parties involved in such ownership can be individuals, institutions or companies.

Disubstituted beta-lactones as inhibitors of n-acyl ethanolamine acid amidase (naaa)

Protected countries

Applicant/Assignee

- ISTITUTO ITALIANO DI TECNOLOGIA
- UNIVERSITA DEGLI STUDI DI PARMA
- UNIVERSITA DEGLI STUDI DI URBINO CARLO BO
- UNIVERSITY OF CALIFORNIA

List of publications

	Application number	2017JP-0213475	Date	2017-11-06		Publication date		
		JP2018065811 A - Published application					2018-04-26	
	Application number	2016US-15138130	Date	2016-04-25				
		US20160235707 A1 - Application published					2016-08-18	
	PCT Application number	2012WO-US66421	Date	2012-11-21				
		WO2013/078430 A1 - Published application wit...					2013-05-30	
	Application number	2012CA-2856522	Date	2012-11-21				
		CA2856522 C - Patent (second level)					2020-10-27	
		CA2856522 A1 - Application laid open					2013-05-30	
	Application number	2014JP-0543589	Date	2012-11-21				
		JP6266528 B2 - Published granted patent (...)					2018-01-24	
		JP2014533730 A - Published application					2014-12-15	
	Application number	2012AU-0340519	Date	2012-11-21				
		AU2012340519 B2 - Patent proceeded by ...					2017-09-14	
		AU2012340519 A1 - Open to public inspecti...					2014-06-05	
	Application number	2012EP-0851203	Date	2012-11-21				
		EP2782567 B1 - Patent specification					2017-03-22	
		EP2782567 A4 - Supplementary search report					2015-05-06	
		EP2782567 A1 - Application published with ...					2014-10-01	
	Application number	2012ES-0851203T	Date	2012-11-21				
		ES2625518 T3 - Translation of granted ...					2017-07-19	
	Application number	2012DK-0851203	Date	2012-11-21				
		DK2782567 T3 - Translation of EP patent					2017-07-17	
	Application number	2012US-13684017	Date	2012-11-21				

### Advantages

- Same rights for all co-owners
- Use without obtaining permission of other co-owners or compensation to other co-owners
- Co-owners can each use the patent for own business purpose
- Enforcement is possible by each co-owner alone
- Creates partnerships

### Disadvantages

- Settlement by licensing, however, needs approval by all co-owners
- Licensing is only possible by all co-owners together
- Lengthy discussions/negotiations

*Derived from <https://www.wipo.int/export/sites/www/amc/en/docs/goddar2.pdf>*

*“It is advisable for innovators to establish agreements concerning IP ownership and dispute resolution at the very outset of a collaboration, even if it is not certain that any patent applications are likely to be filed. This provides a solid framework for the future management and exploitation of the IP and will help mitigate the risk of issues further down the line.”*

*CARPMAELS & RANSFORD*

# How to find potential co-owners

Search:

Using **Semantic search** with a project description or use **Keyword search** of your topic

**Semantic search**

**Free text** ?

Animal-free Meat Bio-fabrication  
 Animal-free • Bio fabrication • Biological Products • Cultured meat • Environmental pollution • Farm animals • Food-borne illness • In-vitro • Industrial potentials • Industrial scale • Large-scale production • Liquid medium • Long term • Market penetration • Meat production • Muscle tissues • Need • Objections • Organ printing • Potential solutions • Price reductions • Resource use • Short term • Sustainable production • Technical challenges • Tissue-engineering techniques  
 Nutrition-related diseases, food borne illnesses, resource use and pollution and use of farm animals are some serious consequences associated with conventional meat production system and consumers have expressed growing concern over them. Bio fabrication, production of complex living and non-living biological products, is a potential solution to reduce these ill effects of current meat production system. The industrial potential of bio fabrication technology is far beyond the traditional medically oriented tissue engineering and organ printing and, in the long term, bio fabrication can contribute to the development of novel bio technologies that can dramatically transform traditional animal-based agriculture by inventing animal-free food, leather and fur products. In this study we review the possibility of producing in vitro meat using tissue-engineering techniques that may offer health and environmental advantages by

*Describe the technology you want to search in plain english or copy and paste the content from another document. At least a paragraph of text is expected.*

**Non English text will be sent to a 3rd party for translation**

[Custom search wizard](#)

**Collections**

Search in: ☒ world patents (full text & biblio) grouped by invention-based families (FamPat) ?  
☐ world patents (full text & biblio) displayed by individual country (FullPat) ?

**Advanced search**

**Keywords**

Title, Abstract, Claims, Concepts E.g.: Telecom+ OR phone ?

**Classifications**

**Molecules**

**Names**

**Numbers, dates & country**

**Legal status**

Status: No restriction (alive or dead) ?  
 Legal events: None ?  
 Expiration date: No Restriction ?

**Litigations & oppositions**

Litigated or opposed patents Party: E.g.: IBM Role: Outcome: ?  
 Country: No country restriction ?

**More fields**

FamPat family number ?

**Collections**

Search in: ☒ world patents (full text & biblio) grouped by invention-based families (FamPat) ?  
☐ world patents (full text & biblio) displayed by individual country (FullPat) ?  
☐ 63 authorities (full text only) displayed by individual country (Full Text) ?

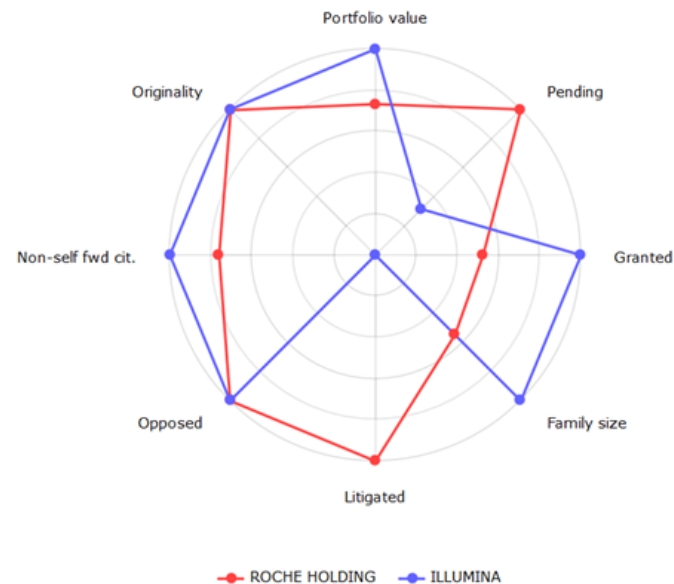


How

## How to find potential co-owners

Analysis:  
**Benchmark** top inventors or top institutions

Total portfolio value index score by Parent company with value indicators



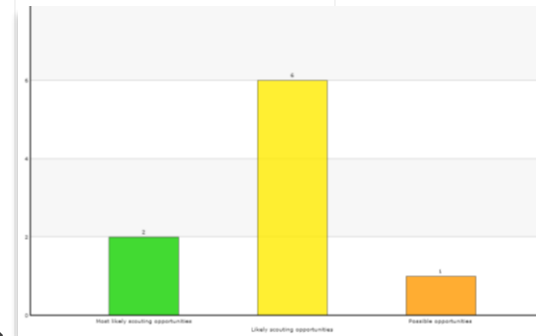
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Premium Analysis:  
**Tech Scouting** analysis using the search



Calculation  
of  
11 metrics

4 metrics for  
clustering



Group classification criteria

☒ Most likely scouting opportunities

Age: ≤3 AND Radicalness: ≥0.9 AND Generality: ≥0.9 AND Cites/yr: ≥2

☐ Likely scouting opportunities

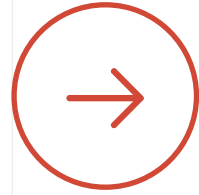
Age: ≤7 AND Radicalness: ≥0.8 AND Generality: ≥0.8 AND Cites/yr: ≥1

☐ Possible opportunities

Age: ≤12 AND Radicalness: ≥0.7 AND Generality: ≥0.7 AND Cites/yr: ≥0.5

Apply Restore default

Adjustable metrics

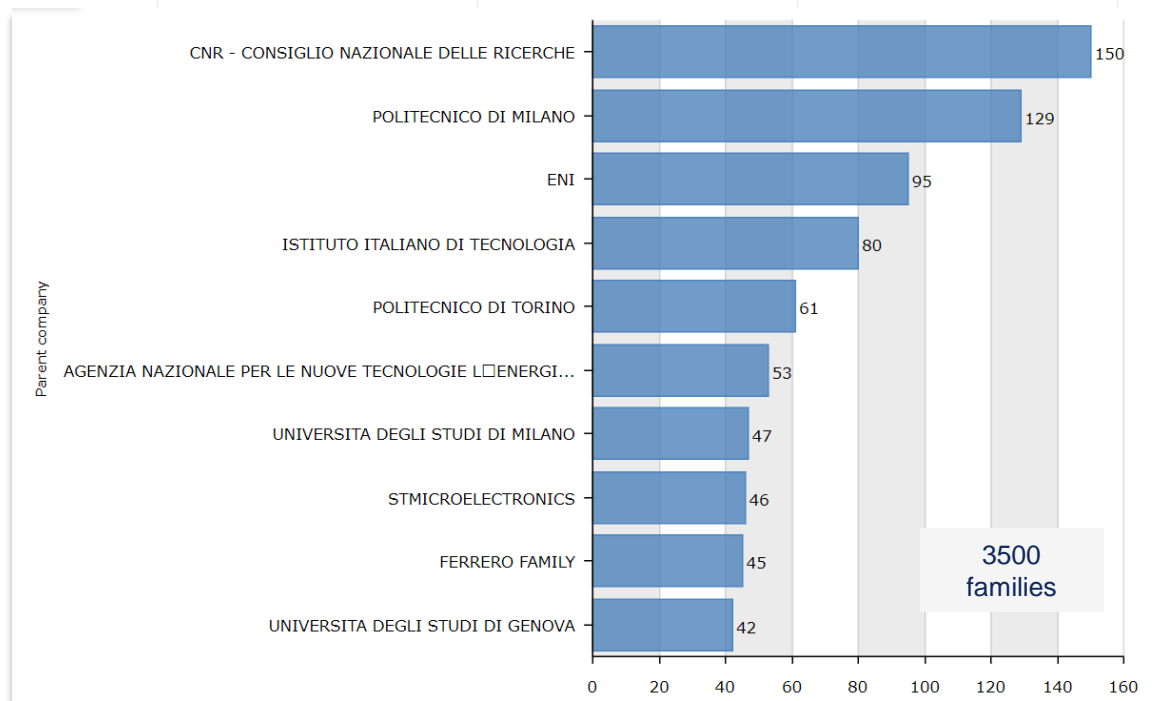


# Global Co-ownership Trends

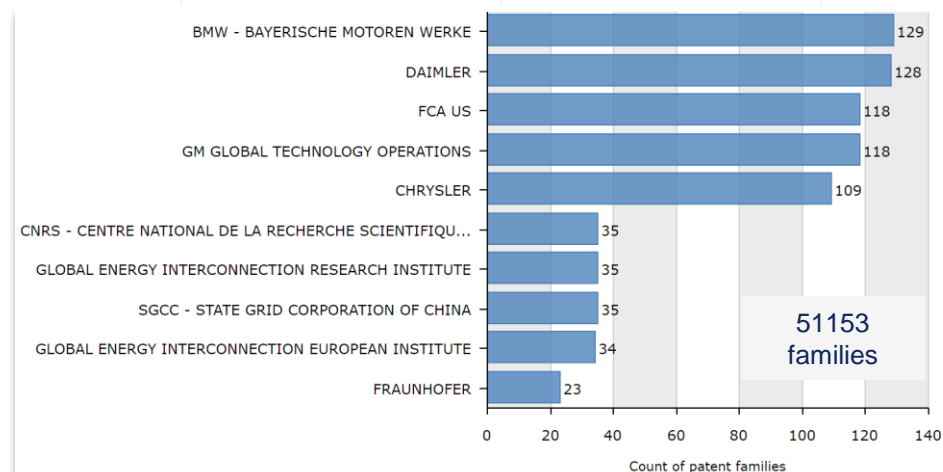


# Top collaborating companies

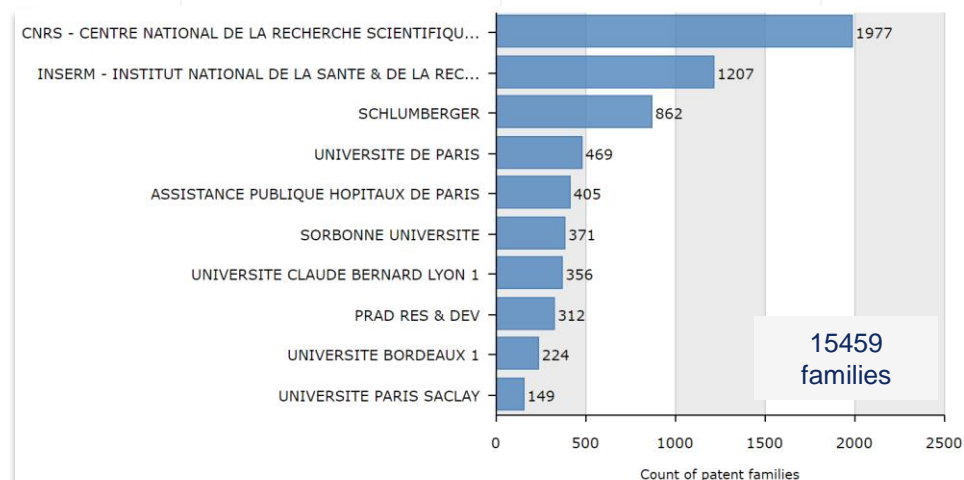
## Italy

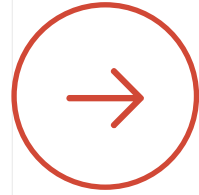


## Germany



## France

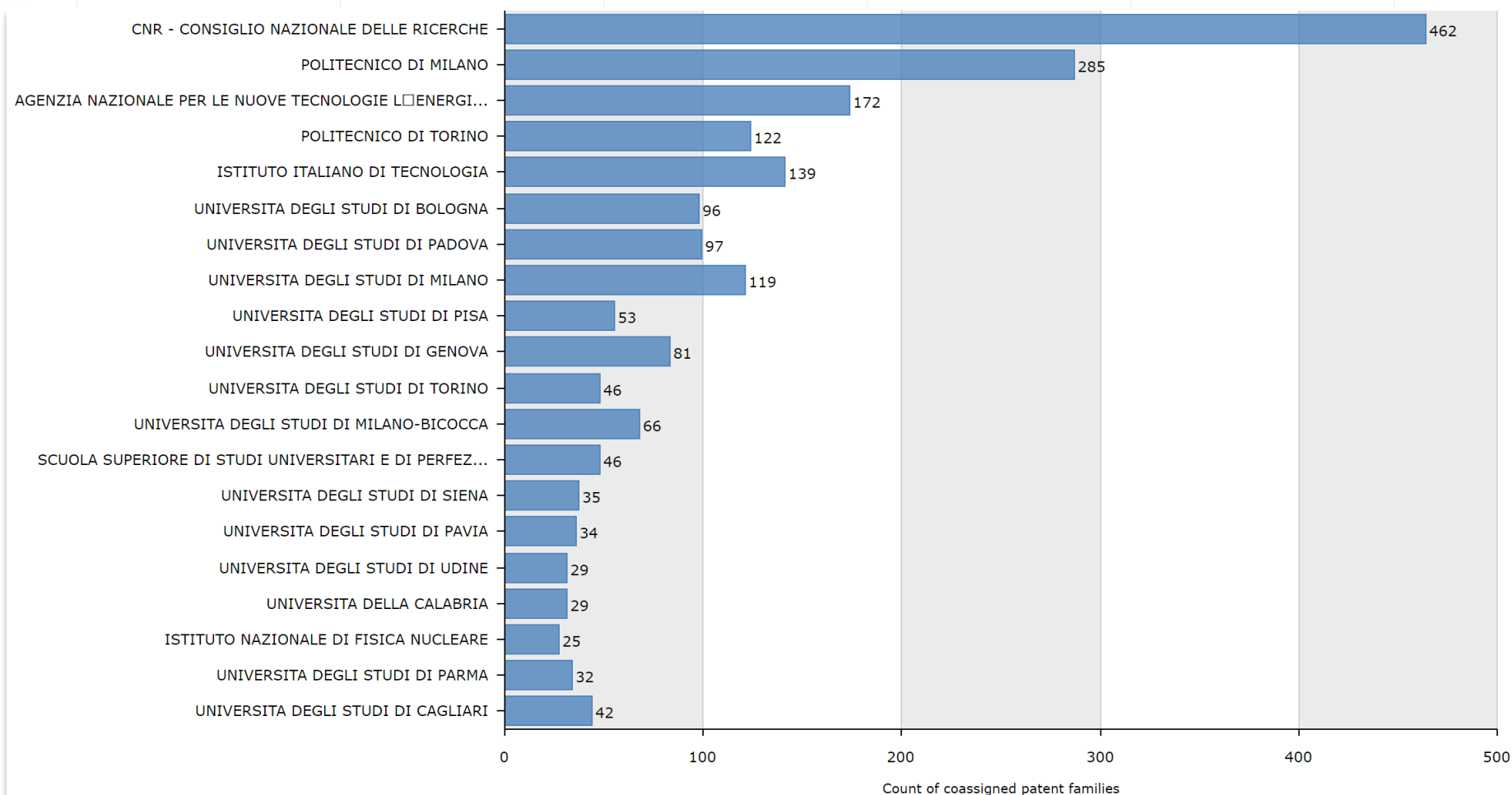




# Netval members Overview



## Companies with co-owned patents





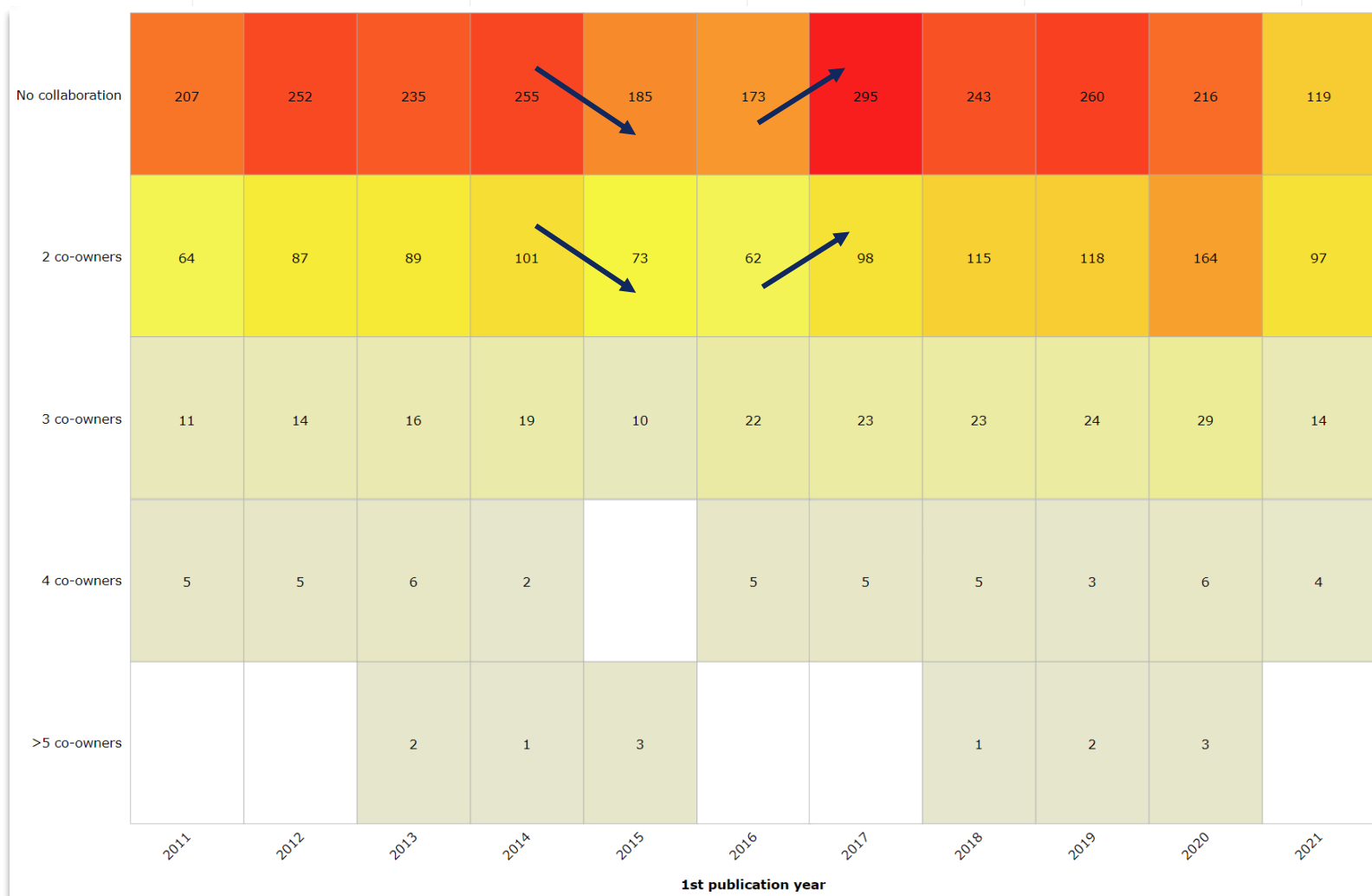
# Academic & Academic co-owned

CNR - CONSIGLIO NAZIONALE DELLE RICERCHE	2013	9	22	4	11	9	6	16	10	6	7	2	5	4	2	3	6	2	5	4
POLITECNICO DI MILANO	9	608		4	8			6		3	1	3		1	1					
AGENZIA NAZIONALE PER LE NUOVE TECNOLOGIE L'ENERGI...	22		561			4	2											1		
POLITECNICO DI TORINO	4	4		330	5	3	1				10			1						2
ISTITUTO ITALIANO DI TECNOLOGIA	11	8		5	325	4	3		5	21			5						7	
UNIVERSITA DEGLI STUDI DI BOLOGNA	9		4	3	4	274	1			2			1		1	1		1	2	1
UNIVERSITA DEGLI STUDI DI PADOVA	6		2	1	3	1	264								1			2		
UNIVERSITA DEGLI STUDI DI MILANO	16	6						219	2	1	1	7	1	1	3			1		3
UNIVERSITA DEGLI STUDI DI PISA	10				5			2	185		1		2				1	3		
UNIVERSITA DEGLI STUDI DI GENOVA	6	3			21	2		1		168		3			2					1
UNIVERSITA DEGLI STUDI DI TORINO	7	1		10				1	1		137			1	1			2		1
UNIVERSITA DEGLI STUDI DI MILANO-BICOCCA	2	3						7		3		117			2					
SCUOLA SUPERIORE DI STUDI UNIVERSITARI E DI PERFEZ...	5				5	1		1	2				114							
UNIVERSITA DEGLI STUDI DI SIENA	4	1		1				1			1			110			1			
UNIVERSITA DEGLI STUDI DI PAVIA	2	1				1	1	3		2	1	2			91				1	
UNIVERSITA DEGLI STUDI DI UDINE	3					1										86				
UNIVERSITA DELLA CALABRIA	6								1					1			85		1	
ISTITUTO NAZIONALE DI FISICA NUCLEARE	2		1			1	2	1	3		2							81		
UNIVERSITA DEGLI STUDI DI PARMA	5				7	2								1			1		79	
UNIVERSITA DEGLI STUDI DI CAGLIARI	4			2		1		3		1	1									78
CNR - CONSIGLIO NAZION...																				
POLITECNICO DI MILANO																				
AGENZIA NAZIONALE PER ...																				
POLITECNICO DI TORINO																				
ISTITUTO ITALIANO DI T...																				
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UNIVERSITA DELLA CALAB...																				
ISTITUTO NAZIONALE DI ...																				
UNIVERSITA DEGLI STUDI...																				
UNIVERSITA DEGLI STUDI...																				

Parent company



## Trends of co-ownership





Netval co-ownership

# High value success story

## Key inventions

4 Licensed

2 SEPs

## High patent value example

Patent value	Patent strength	Market strategy	Impact
4.41	5.44	2.04	6.71

Methods and compositions for targeted integration

### Protected countries

Granted:  AU,  BE,  CA,  CH,  DE,  EP,  FR,  GB,  HK,  IE,  IT,  JP,  US

### Applicant/Assignee

1 OSPEDALE SAN RAFFAELE  
owned by POLICLINICO SAN DONATO

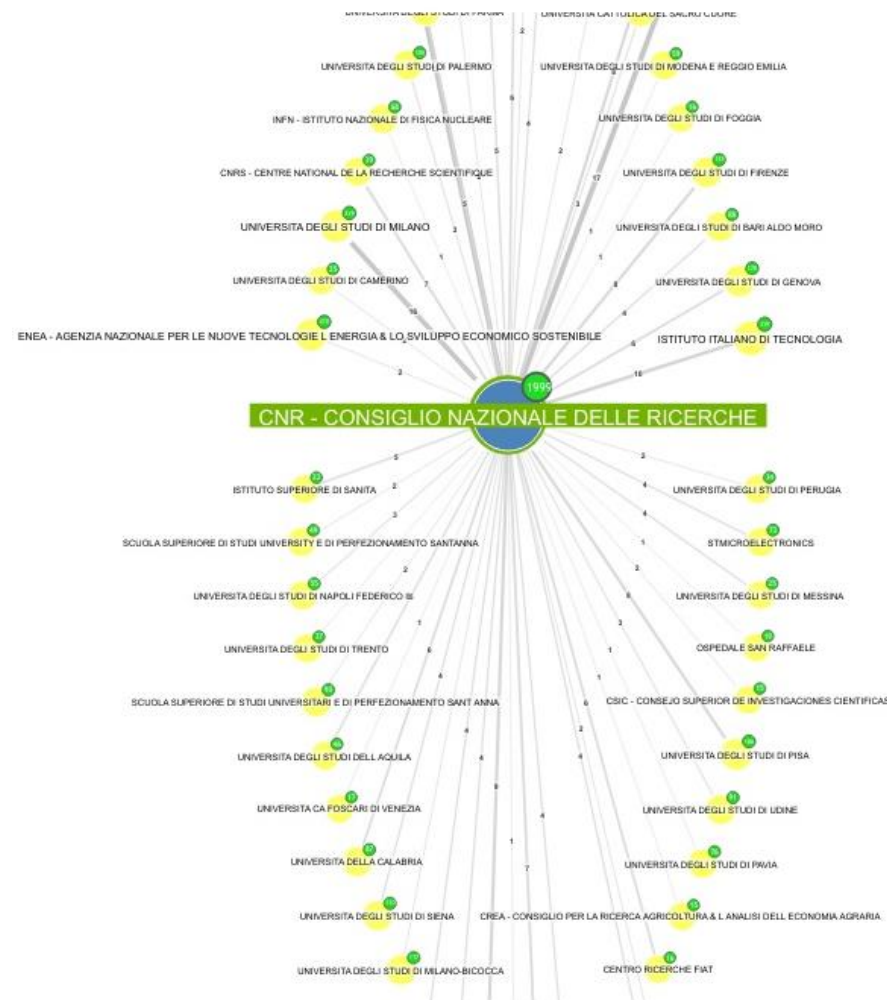
2 SANGAMO BIOSCIENCES  
owned by SANGAMO ELECTRIC

LIBERA UNIVERSITA VITA SALUTE S RAFFAELE MILANO

SANGAMO THERAPEUTICS | \$ 131 M

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## Extensive collaborator



Thank you

**Need more information?**  
Orbit IPBI solutions foster IP  
stakeholders in all their IP activities

Questions?  
Q&A Session



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[communication@questel.com](mailto:communication@questel.com)

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